

ECS/EMD Configuration Change Request

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Page(s)

1. Originator Sarah Lewallen	2. Log Date: 3/17/04	3. CCR #: 04-0166	4. Rev: —	5. Tel: 301-925-0865	6. Rm #: 3103A	7. Org. SED
8. CCR Title: Add SSA to Lemmings to support engineering software deliveries						
9. Originator Signature/Date Sarah Lewallen /s/ 3/16/04			10. Class IN	11. Type: CCR	12. Need Date: 5/3/04	
13. CCR Sponsor Signature/Date Pamela Johnson /s/ 4/5/04			14. Category of Change: Update ECS/EMD Baseline Doc		15. Priority: (If "Emergency" fill in Block 27). Routine	
16. Documentation/Drawings Impacted (Review and submit checklist): N/A			17. Schedule Impact: None		18. CI(s) Affected: None	
19. Release Affected by this Change: N/A		20. Date due to Customer:		21. Estimated Cost: None - Under 100K		
22. Source Reference: <input type="checkbox"/> NCR (attach) <input type="checkbox"/> Action Item <input type="checkbox"/> Tech Ref. <input type="checkbox"/> GSFC <input type="checkbox"/> Other:						
23. Problem: (use additional Sheets if necessary) Currently, space is being used to support CSG functions using the NetApps. These locations are: /vol/vobs/ARCHIVE for custom code, /vol/vobs/ARCHIVE/COTS for COTS software. and /vol/vobs/SHELF for Engineering Software deliveries. There is linear growth within these directories until the data can be archived on DLT tape or CD-ROM. As ClearCase needs /vol/vobs also, it would be better to re-locate the ARCHIVE and SHELF data from the NetApps. Also, in the preparation and delivery of custom and COTS software, there is a manual (nuisance) step to move the data from server "blood" and lemmings:/data0/CM_INBOX to stage for CCR deliveries.						
24. Proposed Solution: (use additional sheets if necessary) Rename the current Lemmings ein 3356 to Aruba. Add CD-R ein 3070 and device drivers. Install a new system ein 20807 on the 119 network in room 1100 with SSA ein 3887 to be called Lemmings. Configure SSA disks in one RAID 1/0 volume using Volume Manager 3.0.4. Modify the DeliveryTool to prepare and deliver software in a central location (lemmings), and eliminate the blood->NetApps copy as well as remove the competition for ClearCase /vol/vob space. Move the multipak ein 9086 from Aruba which contains /data0 to the new Lemmings.						
25. Alternate Solution: (use additional sheets if necessary) Attach to server "repete" or "blood" to avoid placement of data on the NetApps.						
26. Consequences if Change(s) are not approved: (use additional sheets if necessary) Occasionally, NetApps runs out of space, which affects the builds. Also, occasionally, there are errors made in copying the prepared data from "blood" to the NetApps which affects the software being delivered using the DeliveryTool. It is reasonable to expect that these occasional errors will occur in the future without a process change. Also, engineering SW deliveries are growing rapidly.						
27. Justification for Emergency (If Block 15 is "Emergency"):						
28. Site(s) Affected: <input checked="" type="checkbox"/> EDF <input type="checkbox"/> PVC <input type="checkbox"/> VATC <input type="checkbox"/> EDC <input type="checkbox"/> GSFC <input type="checkbox"/> LaRC <input type="checkbox"/> NSIDC <input type="checkbox"/> SMC <input type="checkbox"/> AK <input type="checkbox"/> JPL <input type="checkbox"/> EOC <input type="checkbox"/> IDG Test Cell <input type="checkbox"/> Other						
29. Board Comments:			30. Work Assigned To:		31. CCR Closed Date:	
32. SCDV CCB Chair (Sign/Date):			Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS			
33. EDF CCB Chair (Sign/Date): Darryl Washington /s/ 4/5/04			Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS			
34. ECS CCB Chair (Sign/Date):			Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ESDIS			